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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-------------|----------------------|---------------------|------------------|
| 10/511,130 | 08/15/2005 | Bernard Connolly | 067074-0310832 | 4630 |
| 27496 7590 08/19/2008 PILLSBURY WINTHROP SHAW PITTMAN LLP P.O BOX 10500 McLean, VA 22102 | | | | |
| EXAMINER | | | | |
| HUTSON, RICHARD G | | | | |
| ART UNIT | | PAPER NUMBER | | |
| 1652 | | | | |
| MAIL DATE | | DELIVERY MODE | | |
| 08/19/2008 | | PAPER | | |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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| APPLICATION NO./ CONTROL NO. | FILING DATE | FIRST NAMED INVENTOR / PATENT IN REEXAMINATION | ATTORNEY DOCKET NO. |
|---------------------------------|-------------|---|---------------------|
| 10511130 | 8/15/2005 | CONNOLLY ET AL. | 067074-0310832 |

EXAMINER

Richard G. Hutson

| ART UNIT | PAPER |
|----------|----------|
| 1652 | 20080817 |

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner for Patents

This application contains sequence disclosures that are encompassed by the definitions for nucleotide and/or amino acid sequences set forth in 37 CFR 1.821(a)(1) and (a)(2). However, this application fails to comply with the requirements of 37 CFR 1.821 through 1.825 for the reason(s) set forth: It is noted that in the paper of 4/24/2008, applicants were informed that applicants claims contain sequences for which there was no associated sequence identifier. In response applicants have filed a new sequence listing attempting to overcome this previous issue. Applicants response of 5/1/2008, is acknowledged, however, does not overcome the issue on the following basis. 1) a sequence identifier must be placed wherever the corresponding sequence occurs, i.e. in the claim; 2) Applicants stated corresponding sequence, SEQ ID NO: 19 does not match the sequence listed in claim 23 or the sequence in the computer readable sequence listing; 3) Applicants submitted paper copy of the sequence listing does not match the computer readable form of the sequence listing (i.e. SEQ ID NO: 19 for each are different, the sequences are out of numerical order (SEQ ID NO:16 and SEQ ID NO: 17 and there are a number of sequences listed on the last two pages of applicants paper sequence listing that do not have associated with them a sequence identifier. Applicants are requested to correct each issue.

Since the above-mentioned reply appears to be bona fide, applicant is given ONE (1) MONTH or THIRTY (30) DAYS from the mailing date of this notice, whichever is longer, within which to supply the omission or correction in order to avoid abandonment. EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Richard G. Hutson whose telephone number is 571-272-0930. The examiner can normally be reached on M-F, 7:00-4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nishaat T. Nashed can be reached on 571-272-0934. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

